

Substitute for form 1449A/B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	Not Yet Assigned 35719
		Filing Date	Concurrently Herewith
		First Named Inventor	Bernhard Hauer
		Art Unit	N/A 1657
		Examiner Name	Not Yet Assigned LILLING
Sheet 1 of 2	Attorney Docket Number	12810-00151-US	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
/HJL	CA	Schwaneberg, U. et al., "A Continuous Spectrophotometric Assay for P450 BM-3, a Fatty Acid Hydroxylating Enzyme, and Its Mutant F87A", Analytical Biochemistry 269 (1999), pp. 359-366.		
	CB	Ost, T. W. B. et al., "Rational Re-design of the Substrate Binding Site of Flavocytochrome P450 BM3", FEBS Letters 486 (2000), pp. 173-177.		
	CC	Miles, C. S. et al., "Protein Engineering of Cytochromes P-450", Biochimica et Biophysica Acta 1543 (2000), pp. 383-407.		
	CD	Maurer, S. C. et al., "Immobilisation of P450 BM-3 and an NADP Cofactor Recycling System: Towards a Technical Application of Heme-Containing Monooxygenases in Fine Chemical Synthesis", Adv. Synth. Catal. 345 (2000), pp. 802-810.		
	CE	Wen, L-P. et al., "Cloning of the Gene Encoding a Catalytically Self-sufficient Cytochrome P-450 Fatty Acid Monooxygenase Induced by Barbiturates in <i>Bacillus megaterium</i> and Its Functional Expression and Regulation in Heterologous (<i>Escherichia coli</i>) and Homologous (<i>Bacillus megaterium</i>) Hosts", The Journal of Biological Chemistry 262(14) (1987), pp. 6676-6682.		
	CF	Fulco, A. J. et al., "Occurrence of a Barbiturate-Inducible Catalytically Self-Sufficient 119,000 Dalton Cytochrome P-450 Monooxygenase in Bacilli", Life Sciences 40 (1987), pp. 1769-1775.		
	CG	Iwuhaha, E. I. et al., "Reactivities of Organic Phase Biosensors 3: Electrochemical Study of Cytochrome P450cam Immobilized in a Methyltriethoxysilane Sol-Gel", Electroanalysis 12(12) (2000), pp. 980-986.		
	CH	Li, Q-S. et al., "Rational Evolution of a Medium Chain-Specific Cytochrome P-450 BM-3 Variant", Biochimica et Biophysica Acta 1545 (2001), pp. 114-121.		
	CI	Li, Q-S. et al., "Engineering Cytochrome P450 BM-3 for Oxidation of Polycyclic Aromatic Hydrocarbons", Applied and Environmental Microbiology 67(12) (2001), pp. 5735-5739.		
	CJ	Appel, D. et al., "A P450 BM-3 Mutant Hydroxylates Alkanes, Cycloalkanes, Arenes and Heteroarenes", Journal of Biotechnology 88 (2001), pp. 167-171.		
/HJL	CK	Gill, I., "Bio-doped Nanocomposite Polymers: Sol-Gel Bioencapsulates", Chem. Mater. 13 (2001), pp. 3404-3421.		

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Sheet	2	of	2	Attorney Docket Number	12810-00151-US

/HJL/	CL	Farinas, E. T. et al., "Directed Evolution of a Cytochrome P450 Monooxygenase for Alkane Oxidation", Adv. Synth. Catal. 343 (2001), pp. 601-607.	
	CM	Urlacher, V. B. et al., "Microbial P450 Enzymes in Biotechnology", Appl. Microbiol. Biotechnol. 64 (2004), pp. 317-325.	
	CN	Seelbach, K. et al., "A Novel, Efficient Regenerating Method of NADPH Using a New Formate Dehydrogenase", Tetrahedron Letters, 37(9) (1996), pp. 1377-1380.	
	CO	Tishkov, V. I. et al., "Pilot Scale Production and Isolation of Recombinant NAD ⁺ and NADP ⁺ - Specific Formate Dehydrogenases", Biotechnol. Bioeng. 64 (1999), pp. 187-193.	
	CP	Urlacher, V. et al., "Biotransformations Using Prokaryotic P450 Monooxygenases", Curr. Opin. Biotechnol. 13 (2002), pp. 557-564.	
	CQ	Li, Q-S. et al., "Directed Evolution of the Fatty-Acid Hydroxylase P450 BM-3 into an Indole-Hydroxylating Catalyst", Chem. Eur. J. 6(9) (2000), pp. 1531-1536.	
/HJL/	CR	Li, Q-S. et al., "Residue Size at Position 87 of Cytochrome P450 BM-3 Determines Its Stereoselectivity in Propylbenzene and 3-chlorostyrene Oxidation", FEBS Letters 508 (2001), pp. 249-252.	

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